

Product datasheet for **SC213430**

OAS2 (NM_016817) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: OAS2 (NM_016817) Human 3' UTR Clone
Symbol: OAS2
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_016817
Insert Size: 1269 bp
Insert Sequence: >SC213430 3'UTR clone of NM_016817

The sequence shown below is from the reference sequence of NM_016817. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
CTGAATAATAATTCTAAAAGAACTTCTAGAGATCATCTGGCAATCGCTTTTAAAGACTCGGCTCACCG
TGAGAAAGAGTCACTCACATCCATTCTCCCTTGATGGTCCCTATTCTCCTTCCCTTGCTTCTGGAC
TTCTTGAAATCAATCAAGACTGCAAACCCTTTCATAAAGTCTTGCCTTGAAGTCCCTCTCTGCAGG
CAGCCTGCCTTTAAAAATAGTTGCTGTCATCCACTTTATGTGCATCTTATTCTGTCAACTGTATTTT
TTTTCTTGATTTTTTCCAATTAGCTCCTCTTTTTCTTCCAGTCTAAAAAAGGAATCCTCTGTGTCTT
CAAAGCAAAGCTCTTACTTTCCCTTGTTCTCATAACTCTGTGATCTTGTCTCTCGGTGCTTCCAAC
TATCCACGTCCTGTCTGTTTCTCTGTATACAAAACCCTTCTGCCCTGCTGACACAGACATCCTCTA
TGCCAGCAGCCAGCCAACCCTTTCATTAGAACTTCAAGCTCTCCAAGGCTCAGATTATAACTGTTGTC
ATATTTATATGAGGCTGTTGTCTTTTCTTCTGAGCCTGCCTTTCTCCCCCACCAGGAGTATCCTC
TTGCCAAATCAAAGACTTTTTCTTGGGCTTTAGCCTTAAAGATACTTGAAGGTCTAGGTGCTTTAAC
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AATAAAAATGGTGATTGTAAGTAGAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_016817.3
Summary:	This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Locus ID:	4939
MW:	48.1